5 TO S

SCALABLE ENCODED MEDIA DATA ARRANGED IN A NON-MEDIA TYPE SPECIFIC INDEXABLE DATA STRUCTURE NON-MEDIA TYPE SPECIFIC SCALABILITY ATTRIBUTES AND DATA STRUCTURE INFORMATION

FIG. 1

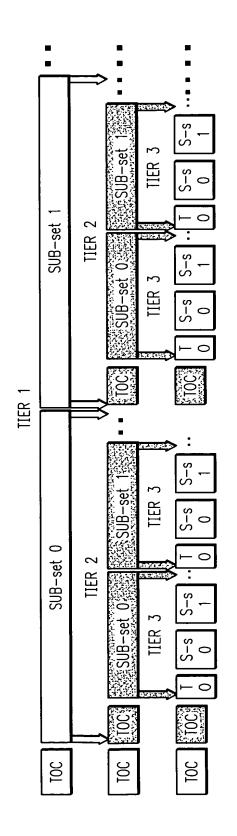


FIG. 2A



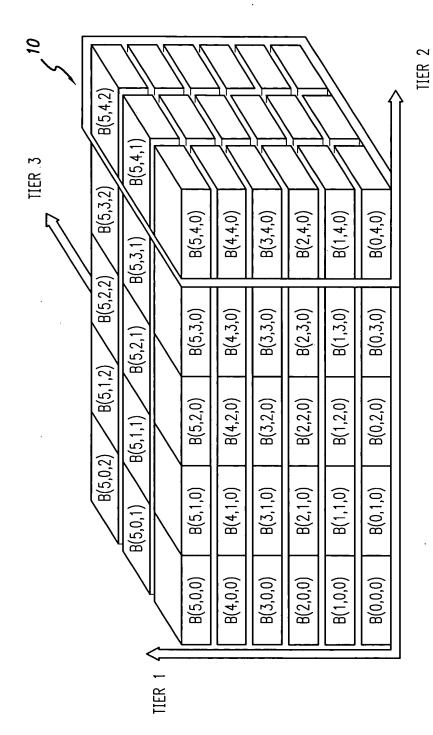
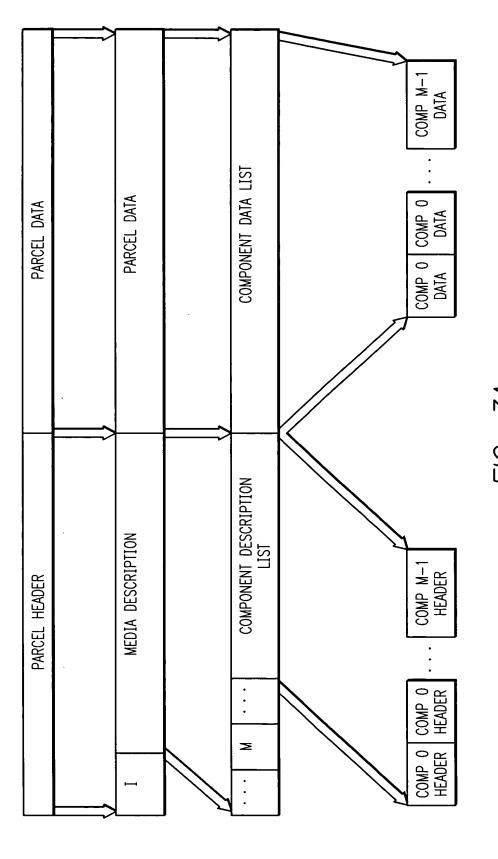


FIG. 2B



F1G. 3A

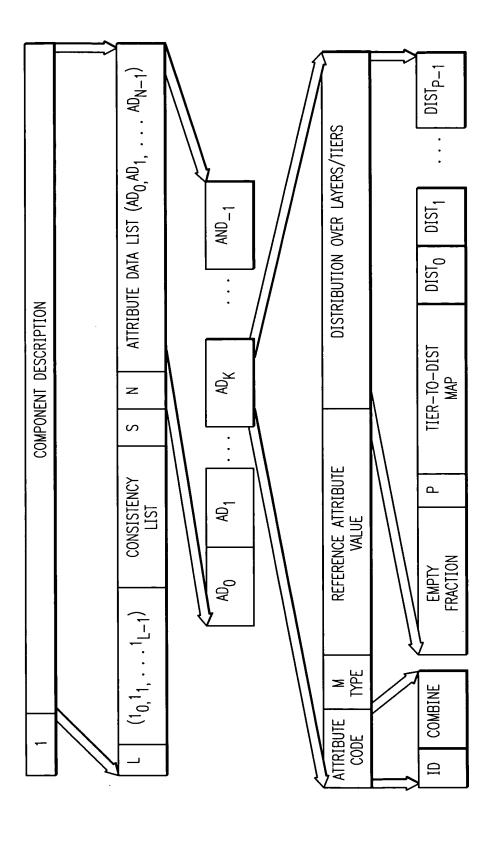


FIG. 3B

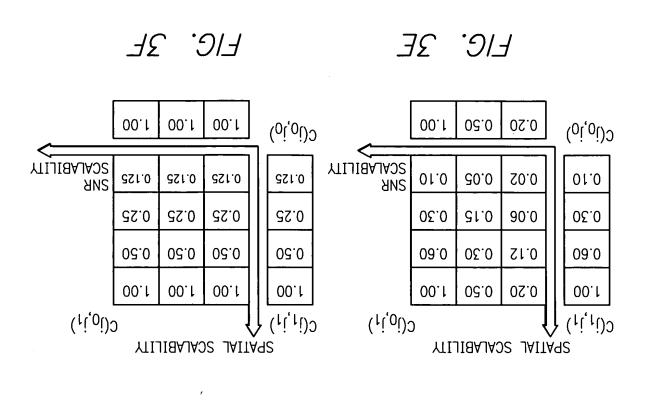
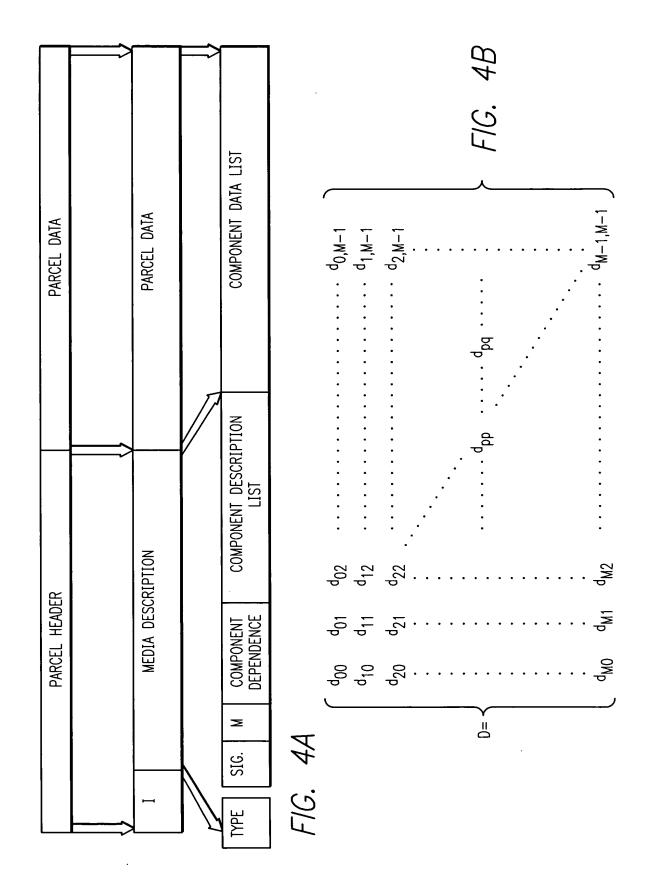
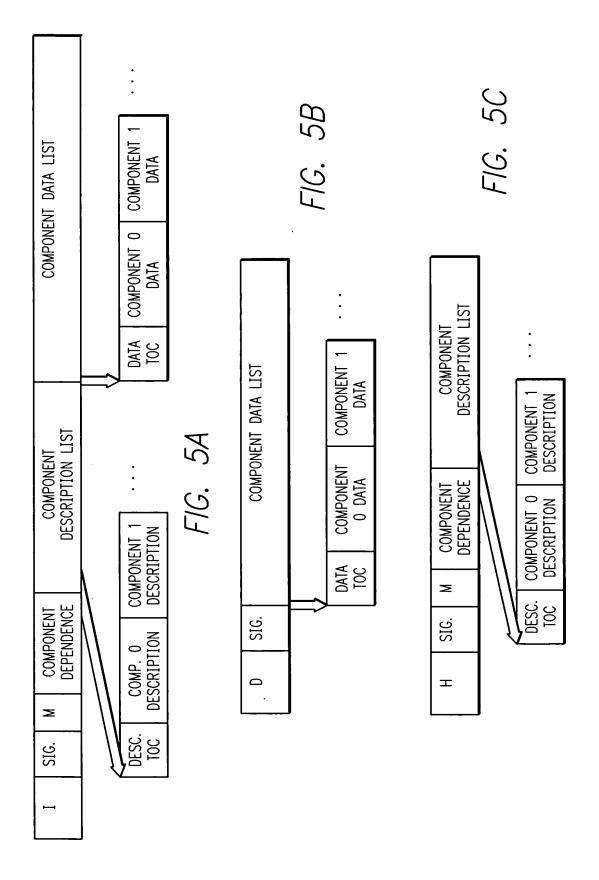


FIG. 3D FIG. 3C SUR SCALABILITY SUR SCALABILITY $(l_{i,0})$ (fi,0i)) 0.125 90.0 20.0 0.125 0.12 0.25 0.25 0.25 25.0 81.0 30.0 02.0 05.0 05.0 Σ9.0 4δ.0 21.0 1.00 1.00 42.0 00.1 00.1 0.20 SPATIAL SCALABILITY SPATIAL SCALABILITY





60 FORMATTING ORIGINAL SCALABLE ENCODED MEDIA DATA IN A FORMAT INCLUDING A FIRST PORTION CORRESPONDING TO NON-MEDIA TYPE SPECIFIC SCALABILITY ATTRIBUTES AND SECOND PORTION DATA STRUCTURE INFORMATION AND A SECOND PORTION CORRESPONDING TO THE ORIGINAL SCALABLE ENCODED MEDIA DATA ARRANGED IN A NON-MEDIA TYPE SPECIFIC INDEXABLE DATA STRUCTURE 61 PROVIDING INFORMATION CORRESPONDING TO RECEIVING ATTRIBUTES OF AT LEAST ONE TYPE OF SCALABLE ENCODED MEDIA BY A MEDIA DESTINATION 62 TRANSCODING THE FORMATTED ORIGINAL SCALABLE ENCODED MEDIA DATA PRIOR TO DELIVERY TO THE MEDIA DESTINATION BASED ON MATCHING THE SCALABILITY ATTRIBUTES AND THE RECEIVING ATTRIBUTES TO GENERATE A SCALED VERSION OF THE FORMATTED ORIGINAL SCALABLE ENCODED MEDIA DATA ADAPTED TO THE RECEIVING ATTRIBUTES OF THE MEDIA DESTINATION

FIG. 6

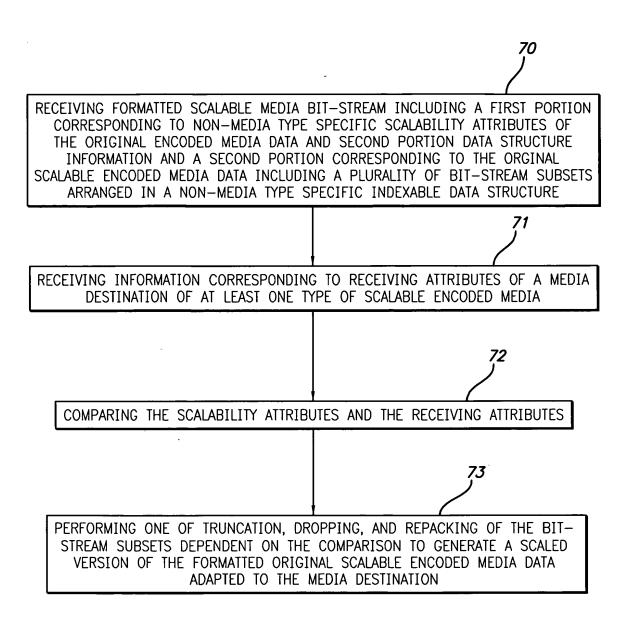
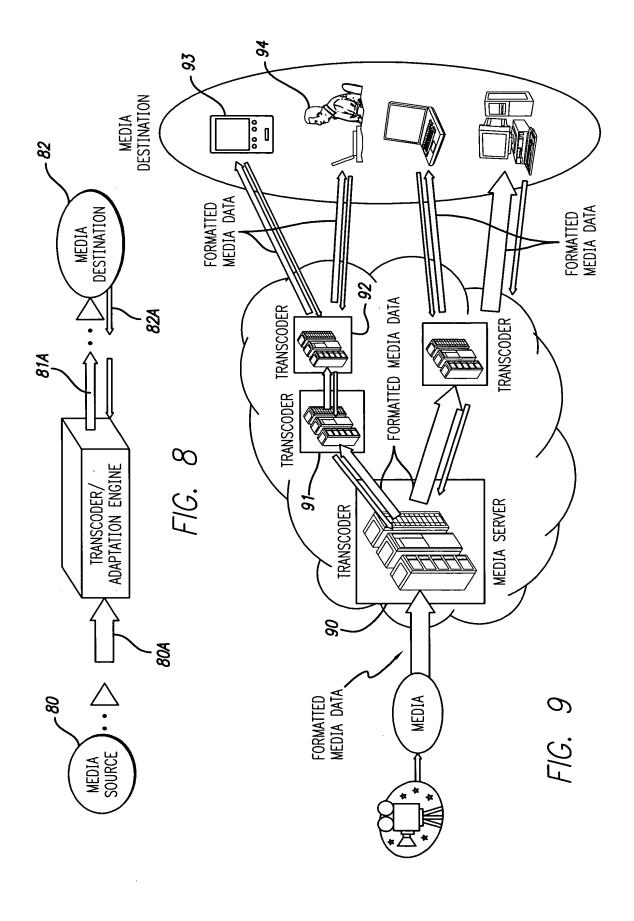


FIG. 7



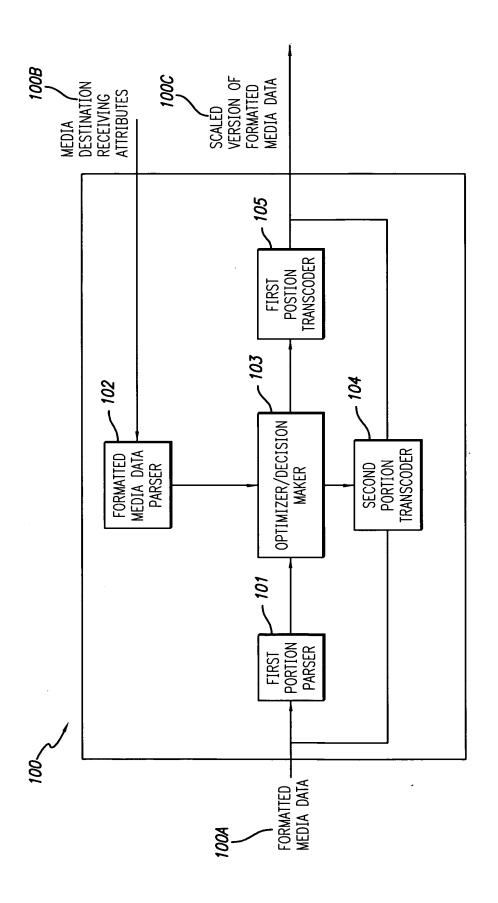
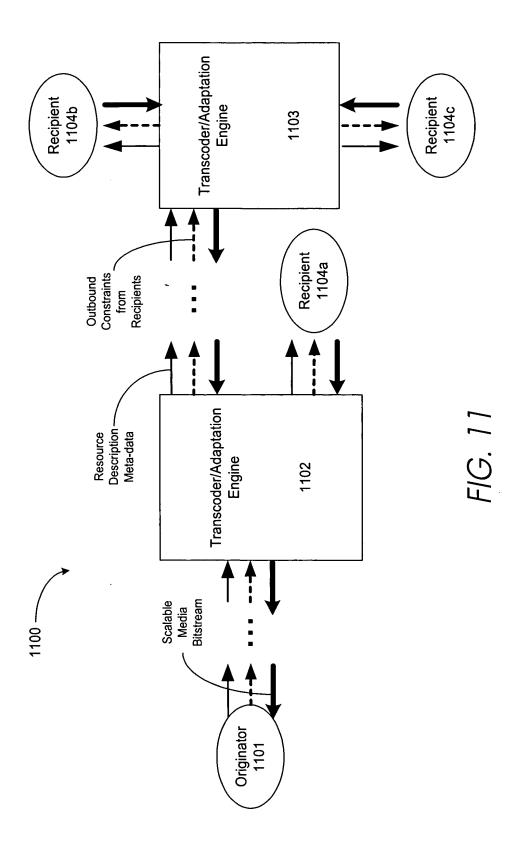


FIG. 10



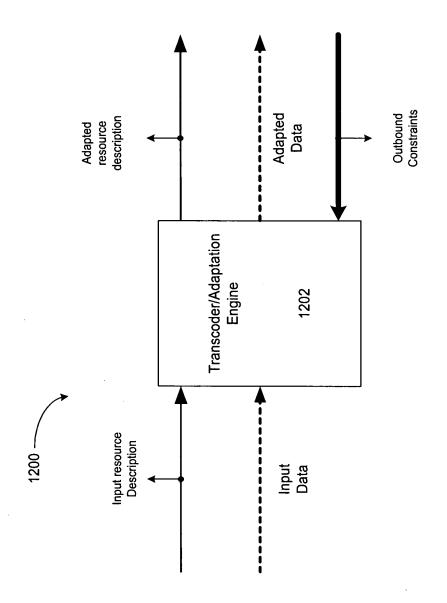


FIG. 12

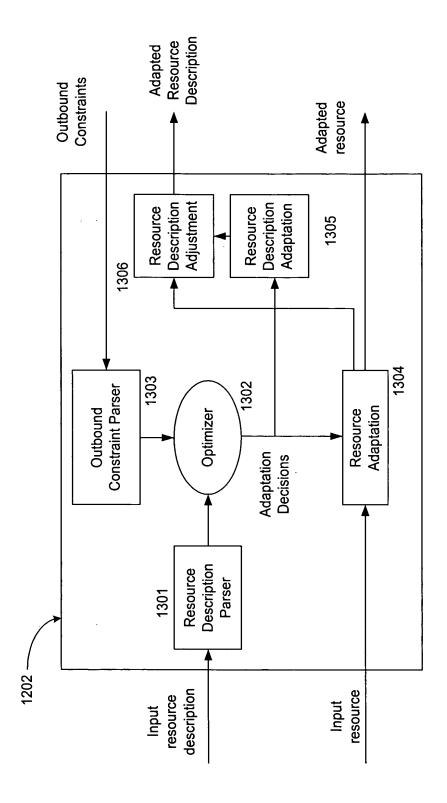


FIG. 13

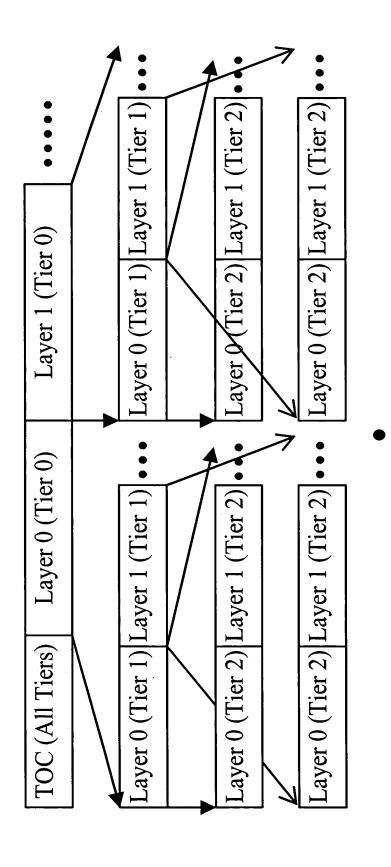


FIG. 14

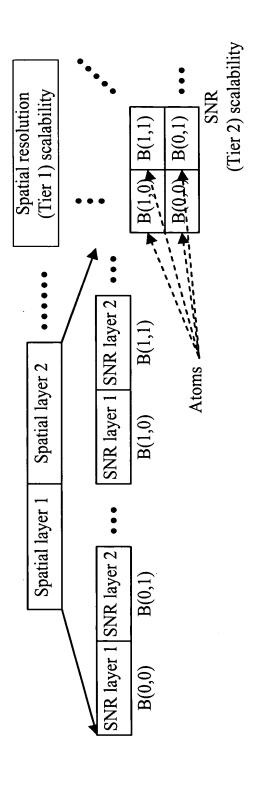


FIG. 15

FIG. 16

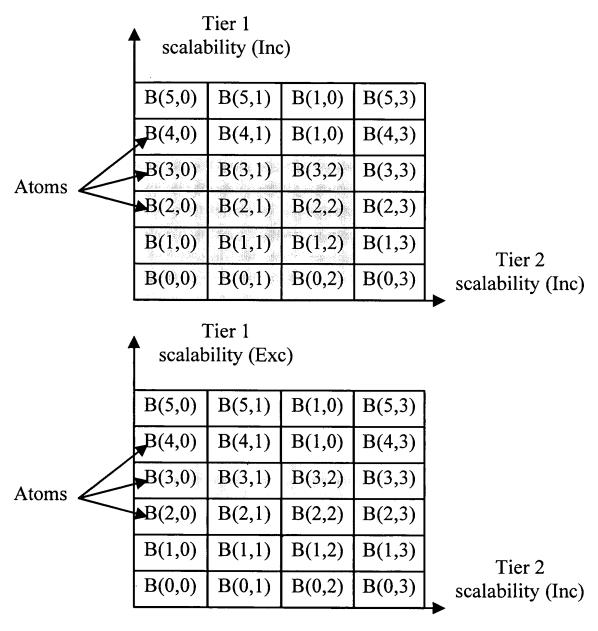


FIG. 17

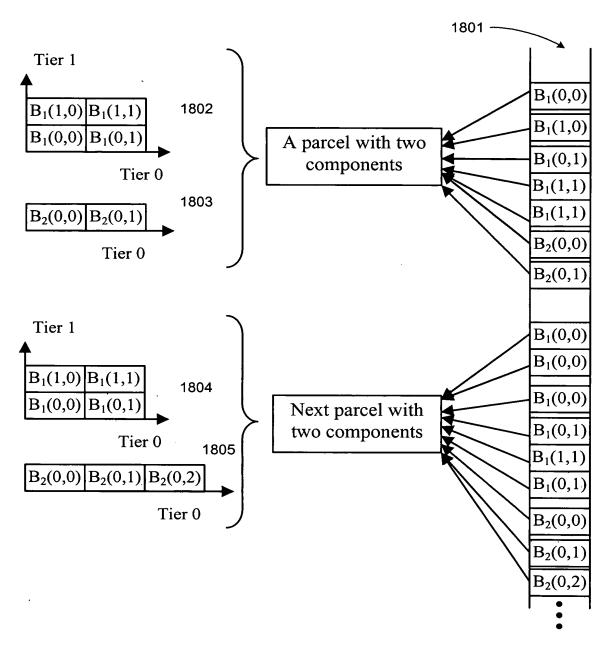


FIG. 18

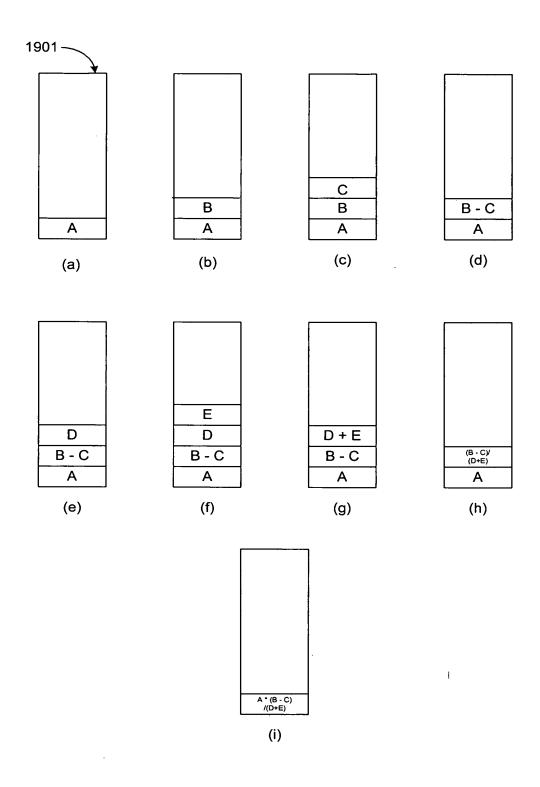


FIG. 19

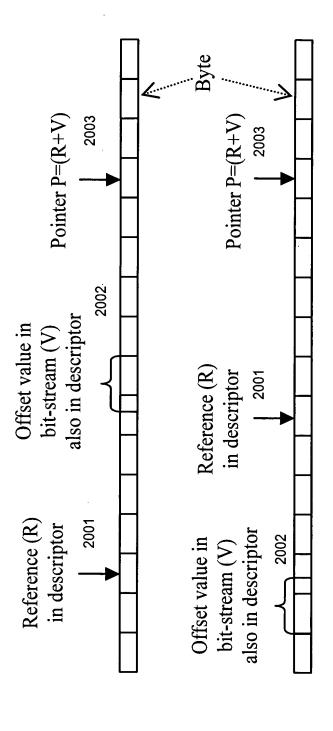
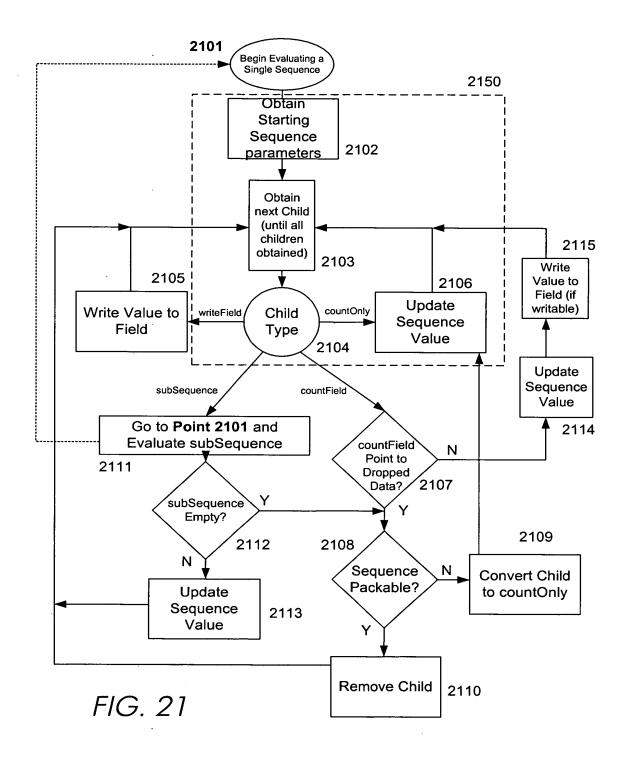


FIG. 20



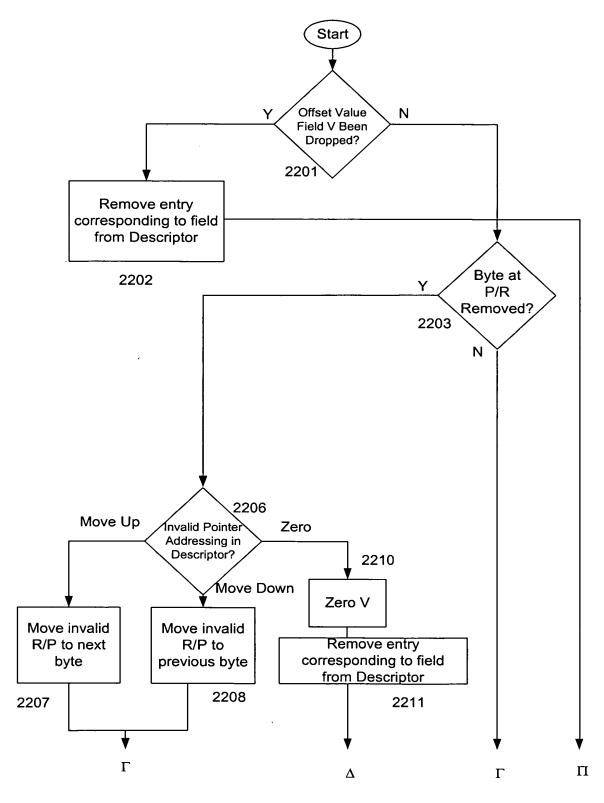


FIG. 22A

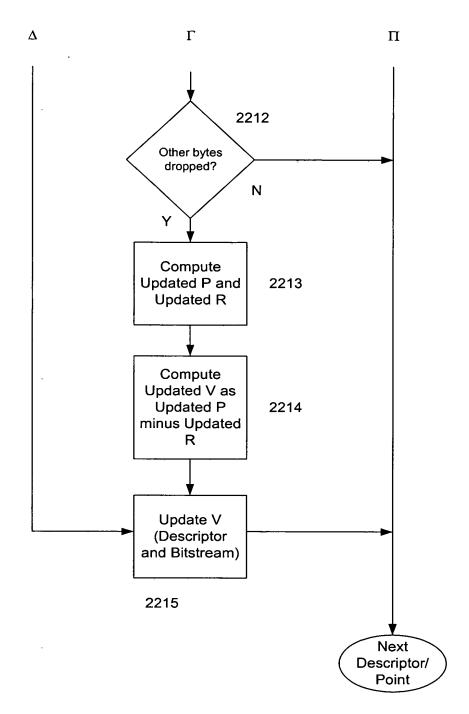


FIG. 22B

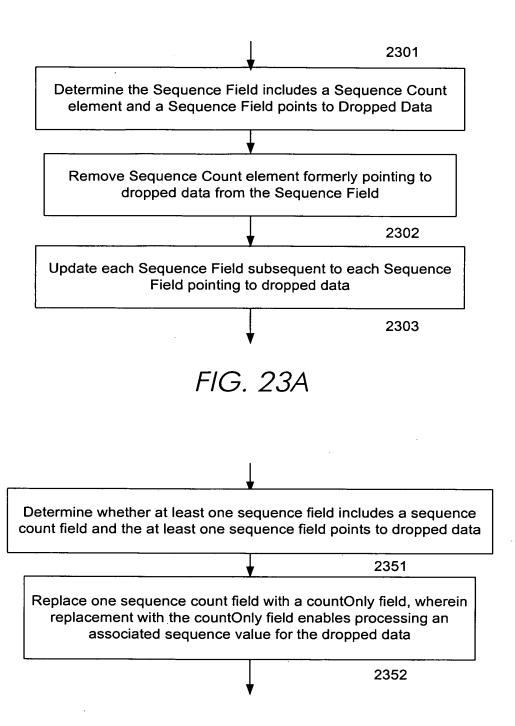


FIG. 23B

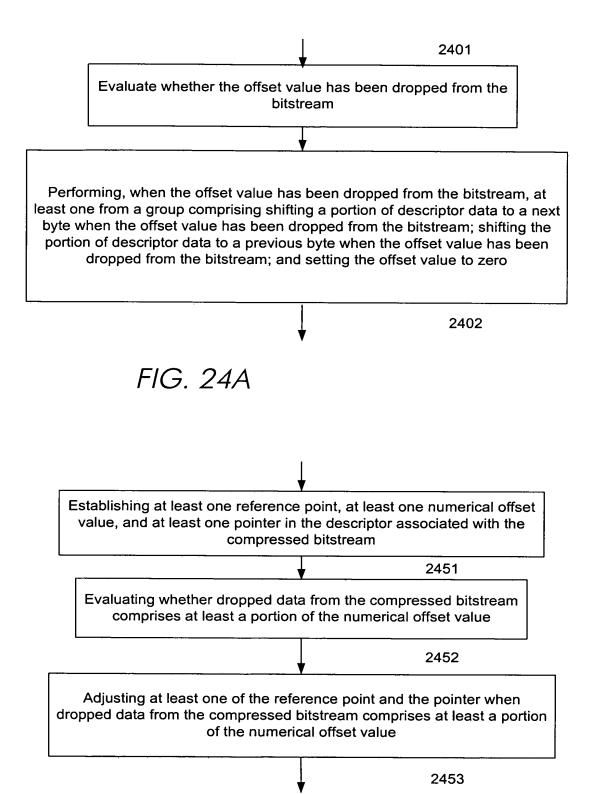


FIG. 24B

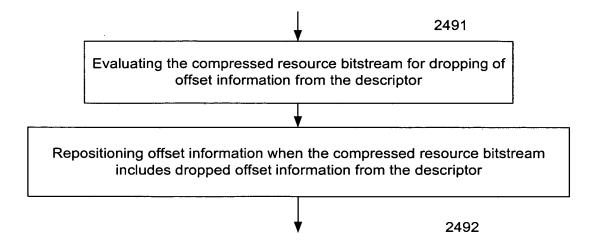


FIG. 24C

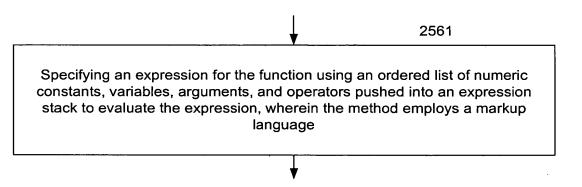


FIG. 25D

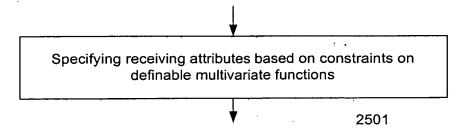
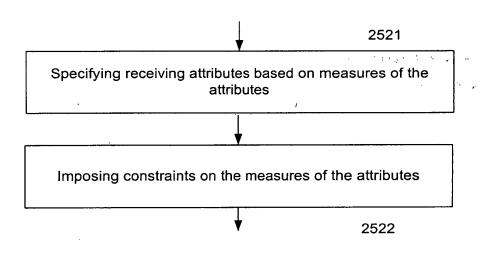
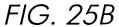


FIG. 25A





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Specifying an expression for the function using an ordered list of numeric constants, variables, arguments, and operators pushed into an expression stack to evaluate the expression, wherein the functions comprise at least one from a group comprising constraints applied by the adaptation engine, sequence field operations, and offset length calculations

FIG. 25C